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civilian employees of the War Department, to be held Tuesday and Thursday afternoons at 4.45 o'clock, in the auditorium of the Department of the Interior building. All civilian employees of the War Department are cordially invited to attend. The following is a partial list of the lecturers and their subjects:

Thursday, April 25. "Cancer, its prevention," by Major William J. Mayo, Medical Reserve Corps, United States Army, Surgeon General's Office, Rochester, Minn.

Tuesday, April 30. "Part to be taken by women in modern sanitation," by Lieutenant Colonel W. H. Welch, Medical Corps, National Army, Johns Hopkins University.

Thursday, May 2. "Practical information for the care of the eye," by Major G. E. De Schweinitz, Medical Reserve Corps, University of Pennsylvania.

Tuesday, May 7. "Care of the foot and its proper covering," by Lieutenant Colonel E. G. Brackett, Medical Corps, National Army, Harvard University.

Thursday, May 9. "The activities of women during the present war," by Miss Annie Goodrich, Surgeon General's Office, Teachers' College, Columbia University.

Tuesday, May 14. "Focal infection in relation to general diseases," by Lieutenant Colonel Frank Billings, Medical Corps, National Army, Chicago University.

Thursday, May 16. "Food, dietetics and nutrition," by Major John R. Murlin, Sanitary Corps, National Army, Cornell University.

Tuesday, May 21. "Posture in its relation to human efficiency," by Miss M. Sanderson, department of physical reconstruction (superintendent, Boston School of Physical Education).

Thursday, May 23. "Typhoid fever and its prevention," by Colonel F. F. Russell, Medical Corps, Laboratory Division, Surgeon General's Office.

Tuesday, May 28. "Our hospital facilities and requirements," by Lieutenant Colonel W. H. Smith, Medical Corps, National Army, Surgeon General's Office, Johns Hopkins University.

Thursday, May 30. "Hygiene of the mouth," by Major Leonard G. Mitchell, Medical Reserve Corps, Surgeon General's Office.

Tuesday, June 4. "Social hygiene," by Kate B. Karpeles, Surgeon General's Office, Acting Assistant Surgeon, United States Army. (This lecture for women only.)

Thursday, June 6. "Care of the skin" (clothing, bathing, exercise), by Dr. William A. Pusey, Surgeon General's Office.

RESEARCH GRANTS OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE committee on grants of the American Association for the Advancement of Science, by a practically unanimous vote, recommends the following appropriations:

\$300, to Mr. William Tyler Olcott, secretary, American Association of Variable Star Observers, 62 Church Street, Norwich, Connecticut, for the purchase of a telescope of 5-inch aperture.

\$250, to Professor A. E. Douglass, of the University of Arizona, Tucson, Arizona, for the length of record of tree growth of the Sequoias from about 2,200 to 3,000 years.

\$500, to Professor Carl H. Eigenmann, of Indiana University, Bloomington, Indiana, for the study of the fresh-water fishes of South America.

\$500, to Professor Edwin B. Frost, of Yerkes Observatory, Williams Bay, Wisconsin, for measurement and reduction of photographs of stellar spectra, already taken with the 40-inch telescope.

\$200, to Dr. R. A. Porter, of the University of Syracuse, Syracuse, New York, for explanation of the hysteresis which has been observed in the potential gradients of the calcium-cathode vacuum tube.

\$200, to Professor E. W. Sinnott, of The Connecticut Agricultural College, Storrs, Connecticut, for experiments to determine the ratio (in dry weight) between root, stem, leaf and fruit in the bean plant.

\$500, to Professor O. F. Stafford, of the University of Oregon, Eugene, Oregon, for research on the distillation of wood.

\$200, to Professor Herman L. Fairchild, University of Rochester, Rochester, New York, for the continuation and completion of his studies on the Post-Glacial continental uplift in New England and the Maritime provinces of Canada.

\$250, to Professor S. D. Townley, secretary, Seismological Society of America, Stanford University, California, for the investigation of earthquake phenomena.

E. C. PICKERING,
Chairman of Committee on Grants

THE NATIONAL ACADEMY OF SCIENCES

THE National Academy of Sciences held its annual meeting April 22-24, 1918, at the

Smithsonian Institution, President Walcott presiding.

The scientific program which was printed in the last issue of *SCIENCE* included reports of important researches, summaries of war work connected with the National Research Council (a committee of the Academy), and the William Ellery Hale lectures on "The Beginning of Human History from the Geologic Record," by Dr. John C. Merriam, of the University of California.

At the annual dinner, held Tuesday evening at the Cosmos Club, the following medals and awards were presented:

The Comstock Prize of \$1,500 for discoveries in magnetism and electricity was awarded to Samuel Jackson Barnett, Ohio State University, Columbus, Ohio.

The Draper Medal for discoveries in astronomical physics, to Walter Sydney Adams, Mount Wilson Solar Observatory, Pasadena, California.

The Daniel Giraud Elliot Medal and Honorarium, for work in paleontology and zoology, to Frank M. Chapman, American Museum, New York.

Members of the Council elected were W. H. Howell and C. G. Abbott.

The new members elected were:

Robert Grant Aitken, astronomer, Lick Observatory, California.

George Francis Atkinson, botanist, Cornell University, Ithaca, New York.

George David Birkhoff, mathematician, Harvard University, Cambridge, Mass.

Percy Williams Bridgman, physicist, Harvard University, Cambridge, Mass.

Stephen Alfred Forbes, zoologist, Urbana, Illinois.

Charles Elwood Mendenhall, physicist, University of Wisconsin, Madison, Wisconsin.

John Campbell Merriam, paleontologist, University of California, Berkeley, California.

Henry Norris Russell, astronomer, Princeton University, Princeton, New Jersey.

David Watson Taylor, engineer, Rear Admiral, and Chief of the Bureau of Construction and Repair, Department of the Navy, Washington, D. C.

John Ripley Freeman, engineer, Providence, Rhode Island.

Charles Judson Herrick, neurologist, University of Chicago, Chicago, Illinois.

Ludwig Hektoen, pathologist, University of Chicago, Chicago, Illinois.

Frank Baldwin Jewett, engineer, Western Electric Company, New York City.

Walter Jones, physiologist, Johns Hopkins University, Baltimore, Maryland.

Irving Langmuir, chemist, General Electric Company, Schenectady, New York.

SCIENTIFIC NOTES AND NEWS

THE Geological Society of France has awarded to Dr. Henry Fairfield Osborn the Gaudry Medal, which was established by the society in the year 1910 in honor of the distinguished French paleontologist, Albert Gaudry. Previous awards of the medal have been to the following paleontologists and geologists: Albert Gaudry, 1910; Marcellin Boule, 1911; Henri Douville, 1912; Eduard Suess, 1913; Emile Haug, 1914; Charles D. Walcott, 1917.

DR. LOUIS A. BAUER, director of the department of terrestrial magnetism, Carnegie Institution of Washington, has been elected a foreign correspondent member of the Royal Academy of Sciences of Netherlands India.

At the last session of the Paris Academy of Medicine, an election was held to fill the places of Dr. Duguet and Professor Reclus in the section of internal pathology and external pathology, respectively. To the former Dr. Pierre Teissier was elected by 55 out of 62 votes, and to the latter, Dr. Felix de Lapersonne was elected by 49 out of 61 votes.

THE recalling of Dr. Allan J. McLaughlin to the United States Public Health Service to become assistant surgeon-general in charge of the Division of Interstate Quarantine, left a vacancy in the health commissionership of Massachusetts, which has been filled by the appointment of Dr. Eugene R. Kelley, who went into office on April 1. Dr. Kelley was formerly commissioner of health of Washington, and for three years past has been director of the department of communicable diseases in the Massachusetts organization.

MR. R. M. STEWART, who has been associated with the Dominion Astronomical Observatory at Ottawa since 1902, has been appointed assistant chief astronomer.